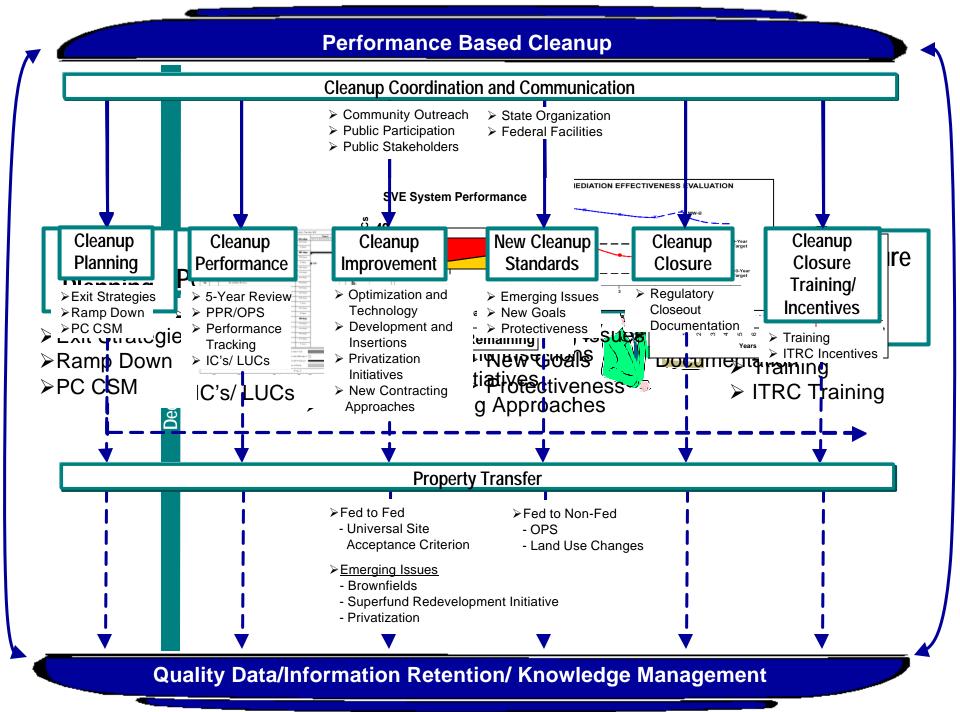


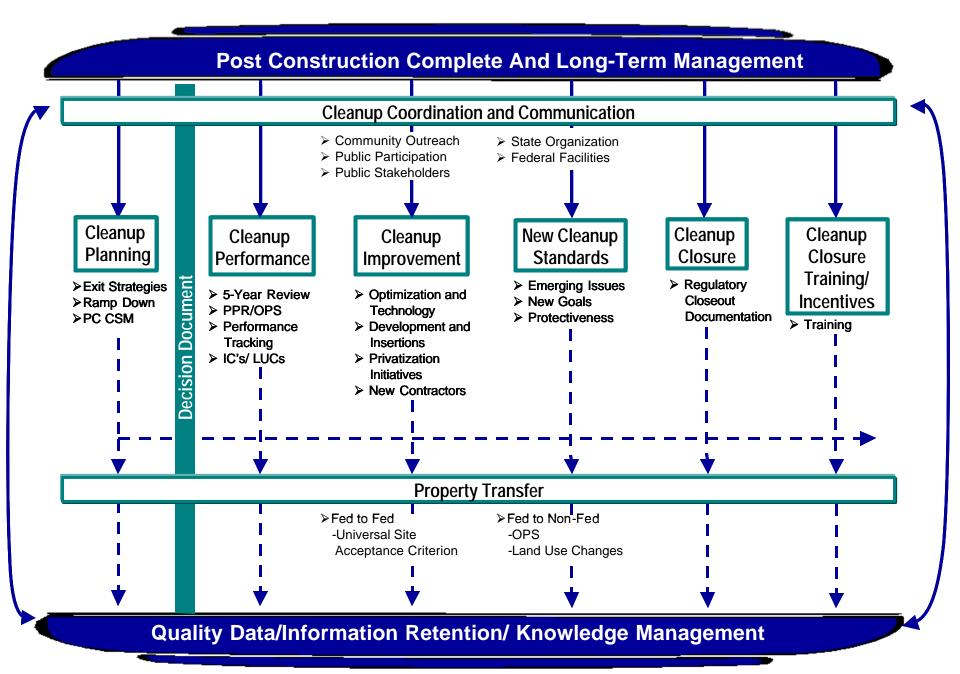
2003 AFCEE Technology Transfer Workshop San Antonio, Texas

Promoting Readiness through Environmental Stewardship

"Managing Cleanup Performance In a Changing Environment"

Art Ditto AFRPA/EV 26 Feb 2003

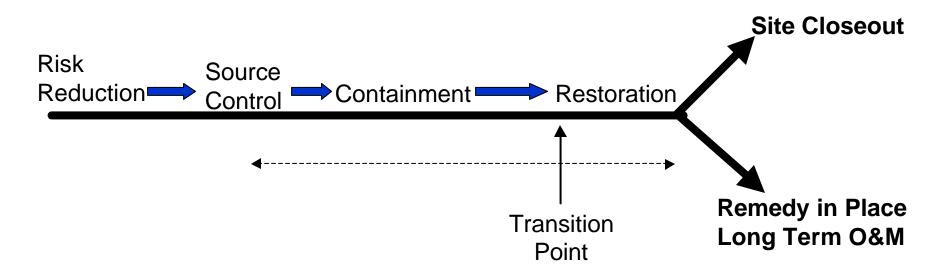






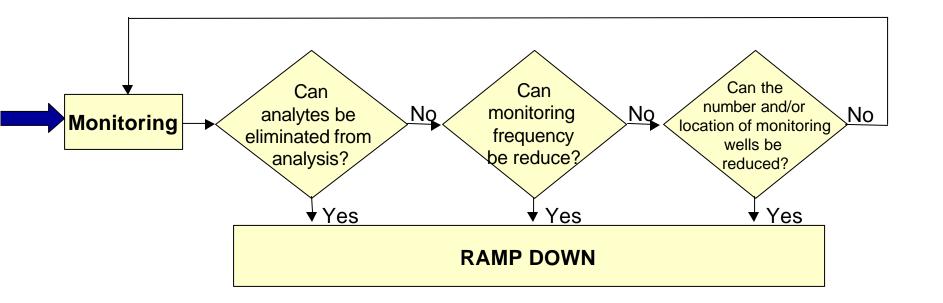
Cleanup Planning: Completion Strategies

An completion strategy should establish the criteria for making future decision



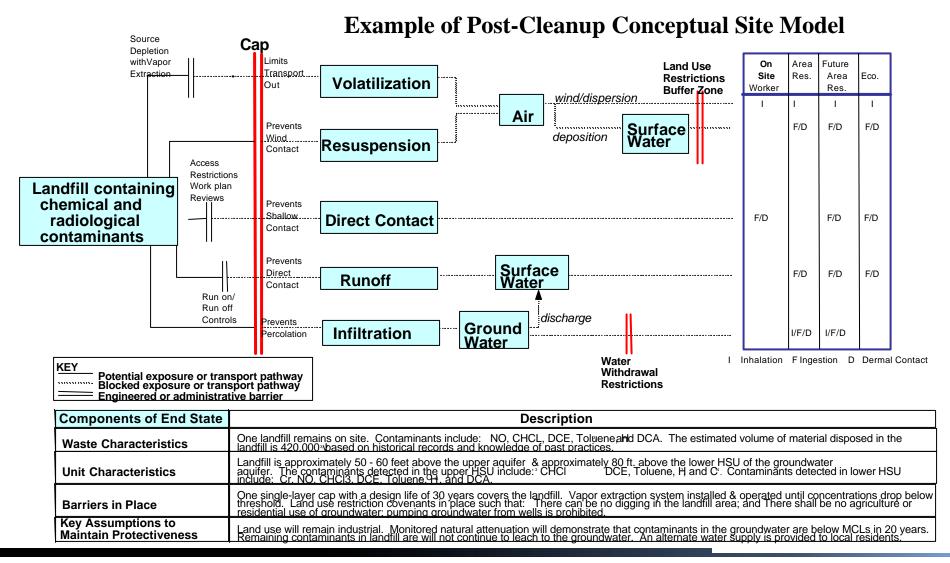


Cleanup Planning: Ramp Down Strategy





Cleanup Planning: Post-Cleanup Conceptual Site Model





Cleanup Performance

Performance Reviews

- •EPA is developing a system to access remedial system information at sites all over the country by contaminant type or cleanup objectives. AF does **not** have an equivalent system.
- Working with EPA to analyze DOD five-year reviews to determine possible trends in remedial system performance and protectiveness (i.e., is a particular remedy being found "not protective" in a large number of reviews?)

•PPR / OPS

• Developing preliminary OPS timelines for each installation.



Cleanup Performance

Performance Tracking

•IC'S/LUCs

- Air Force will maintain a database that contains
 - -Relevant information on the property;
 - -Types of controls established;
 - -Air Force land use monitoring and management responsibilities; and
 - -Location of real estate records.

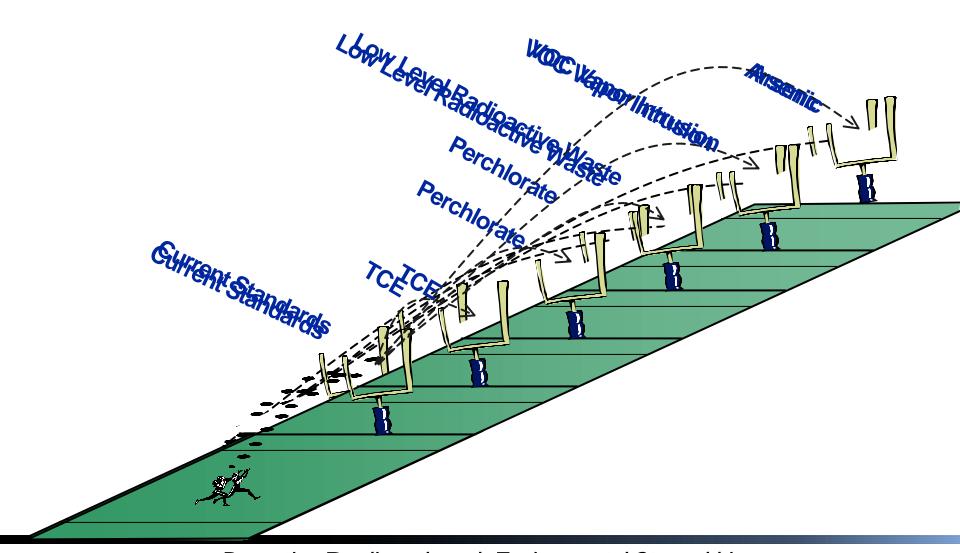


Integrating Cleanup Performance Monitoring w/ Process

- Groundwater Remediation Fact Sheets
 - Developed in conjunction with DOE-EM & ITRC.
 - Principles contained in the fact sheets were developed with EPA
 - Effort Leverages other Federal Agency Work
 - Identifies Cleanup Completion, 5 yr Review, OPS and
 Optimization opportunities by technology



New Cleanup Standards: Emerging Issues





Performance Monitoring System: Knowledge Management

